



Graduate School of Chinese Academy of Agricultural Sciences

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070601

M

Meteorological resources and climate change

Meteorological disasters and mitigation

Greenhouse gas emissions and mitigation

071003

physiology

Animal nutritional physiology and growth

physiology

Animal propagation physiology and milking

engineering

Microbial metabolism and enzyme

071010

B

M

B

Genomics and proteomics

Plant molecular biology and genetic

engineering

engineering

Animal molecular biology and gene

gene engineering

Microbial molecular biology and

071011

B

0710 1

B

Bioinformation integration and modeling

Biomolecule interaction and regulatory

network

0713 1

A

Agricultural environmental ecology

Management of agroecosystem

0713 2

A

E

E

Agricultural eco-engineering

Protected agriculture environment engineering

Ecological engineering for pollution control

in agricultural sector

Greenhouse gas emissions and mitigation

0713 4

A

D

Agro-resources management

Agro-regional development

Agro-regional planning

082801

A

M

E

equipment

Engineering technology of agricultural

application technology

Equipment for plant protection and pesticide

resources utilization

Engineering technology of agricultural

engineering

Agricultural mechanical management

082802

A - E

utilization

Crop water physiology and efficient water

Water-saving irrigation

agriculture

Water resource and environment for

Drainage theory and new technology

082803

A

B

8

Biogas engineering

Biomass energy engineering

New energy development and evaluation

083001

E

Environmental pollution and remediation

Environmental monitoring and assessment

Environmental planning and management

083002

E

E

Treatment technology for rural wastes

protected agriculture Environment control technology for

environment

Information technology for resource and

Food quality and safety

Food biotechnology and fermentation

engineering

083202

C

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E

Cereal chemistry and engineering

Oil chemistry and engineering

Protein chemistry and engineering

SAS

083203

A

storage

Theory and technology of agro-products

processing

Theory and technology of agro-products

processing

Theory and technology of animal products

0832 1

A

E

food processing

Technology and equipment for traditional

crops processing

Technology and equipment for special

090101

C C

Crop cultivation

Crop physiology and ecology

Farming system and agroecology

090102

C G B

and genetics Theory and methodology of crop breeding

heterosis Mechanisms and utilization of crop

Molecular breeding

Seed science

0901 1

C G

cultivated crops

Genetic diversity, origin and evolution of

resources

Conservation biology of crop germplasm

Germplasm evaluation and enhancement

Gene discovery and functional validation

0901 2

A -

F

Agro-food quality and safety

technology

Agro-product standard and testing

processing and storage

Safety Control for agro-product

0901 3

M

Medicinal plant resources

Medicinal plant breeding

Medicinal plant cultivation

Evaluation and Utilization of Chinese

Medicinal Materials

0901 4

A -

Cereal and oil processing

Fruit and vegetable processing

Livestock & Poultry products processing

Special agro-products processing

0901 5

A

M

E

and machinery

Interactive mechanism among crop, soil

Information
acquisition of crop growth environment and engineering technology of disease,
pest and weed control

machinery and conservation tillage technology

Crop field operation

design and intelligent control technology

Agricultural equipment digital

090201

Fruit tree germplasm resources

Fruit tree genetics and breeding

fruit trees

Physiology and management technology of

Storage and quality control of fruits

090202

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Vegetable germplasm resources

Vegetable genetics and breeding

vegetable cultivation

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090203

Tea germplasm and breeding

Tea cultivation physiology and ecology

Tea processing and quality control

0902 1

H

breeding of ornamental plant

Germplasm resources, genetics and

plant

Cultivation and physiology of ornamental

ornamental plant

Postharvest physiology and technique of

Landscape ecology and architecture design

090301

Soil fertility improvement and amelioration

Soil resource and management

Soil ecology and remediation

090302

Plant nutrient biology

Nutrient cycling

Nutrient management

Fertilizer technology

0903 1

A

E

Soil water and nutrient management

Dry-land farming

090322

A

Quantitative remote sensing for agriculture

Remote sensing for agriculture condition

Remote sensing for agricultural resources

Remote sensing for agricultural disaster

Spatial information for agriculture

0903 3

A

E

environment

Monitoring and evaluation on agricultural

environment

Pollution and remediation of agricultural

Agricultural waste treatment and utilization

090401

Genetics of plant disease resistance

Quarantine and control of plant diseases

SAS

090402

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E

C

Insect toxicology

Insect behavioral biology

Pest control

090403

Pesticide chemistry and natural substances

Pesticide toxicology

Pesticide application

Pesticide residue and environment

toxicology

0904 1

Weed biology and ecology

Mechanisms of weed infestation

Weed management

Seminar

0904 2

I B

Invasive mechanism of exotic species

Prevention and management of invasive

species

Quarantine of invasive species

of GMO

Risk management and communication

0904 4

B

C

Biological control of insect pests

ol

090501

A G , B

Animal germplasm resources

DNA

Animal genetics and breeding

DNA RNA

Animal reproduction

Animal gene and cell engineering

DNA

090502

A

F

Mono-gastric nutrition and feed science

090504

A

, H , .

Rearing of special animals

Disease and pest control of special

animals

Products processing and

utilization, safety evaluation of special animals

090601

B

Veterinary pharmacology and toxicology

Veterinary pathology and physiology

Veterinary pathogenic organisms

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090602

infectious diseases

Etiology and epidemiology for Animal

biology

Veterinary microbiology and molecular

immunology

Animal vaccinology and molecular

health

Zoonosis and veterinary public

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090603

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Veterinary medicine

Veterinary clinical diagnostics

Veterinary surgery

Veterinary obstetrics

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Traditional Chinese veterinary materia medica

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Pharmaceutical chemistry

veterinary drug safety evaluator

Veterinary pharmaceutical and

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Natural medicinal chemistry

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C

germplasm resources

The protection and breeding of wildlife

Wildlife nutrition and feed science

Wildlife disease prevention and control

Wildlife cultivation, genetics
and breeding, disease and pest control

Wildlife product processing

0909 1

C

G

Grassland resources

Grassland ecology

Grassland disaster

Utilization and conservation of grassland

0909 2

F G , B

Forage germplasm resources

Forage genetics and breeding

Forage seed science

0909 3

Forage cultivation and management

Forage processing and storage

Forage ecology and physiology

Forage utilization and conversion

1201

M

E

Multimedia technology application in

agriculture

120301

A E & M

Agricultural economic theory and policy

Food safety and development

Rural finance and insurance

Regional development and poverty alleviation

1203 1

A

E

E

Agricultural resources management

Rural energy economics

Climate change and low-carbon agriculture

STATA

1203 2

I

A

International trade theory and policy

Agricultural market and circulation

Agricultural trade and environment

Foreign agricultural economy

Seminar

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1203 3

A - E

Agricultural science and technology policy

Technical innovation and management

Evaluation on the development of modern

agriculture

1203 4

A

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M

Information resources management

Information organization and utilization

Digital I

1203 5

I E

Crop economy

Animal economy

Industrial organization and supply chain

management

management

Corporate governance and financial

1203 6

A

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A

Food safety analysis

Agricultural risk analysis

Agricultural market information analysis

Agricultural monitoring and early-warning

120502

I

Information resources management

Competitive intelligence

Digital library

99J1

I

D

A

Animal informatics

production management

Digital technology of agricultural

